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# Formation and evolution of dwarf early-type galaxies in the Virgo cluster

## II. Kinematic scaling relations (Corrigendum)

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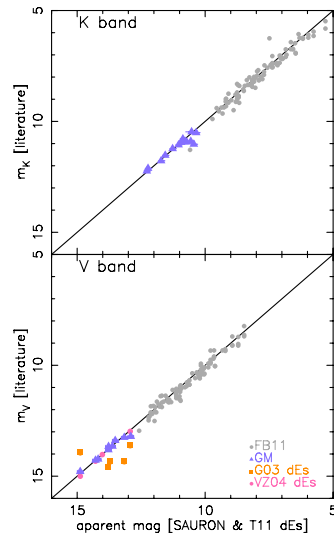
**Key words.** galaxies: clusters: individual: Virgo – galaxies: dwarf – galaxies: elliptical and lenticular, cD – galaxies: evolution – galaxies: kinematics and dynamics – errata, addenda

In the published article, Table 2 showed incorrect absolute magnitudes in the  $K$  band for 10 of the objects. This error only affected Col. 6 of that table and the middle panel of Fig. 1. The correct table and figure are included below. The conclusions of the published article are not affected whatsoever by this mistake.

**Table 1.** Photometric parameters for the sample of dEs.

Galaxy	$M_V$ (mag)	$\epsilon_V$	$R_{SMA,V}$ (arcsec)	$\langle\mu_{e,V}\rangle$ (mag arcsec <sup>-2</sup> )	$M_K$ (mag)	$\epsilon_K$	$R_{SMA,K}$ (arcsec)	$\langle\mu_{e,K}\rangle$ (mag arcsec <sup>-2</sup> )	$(V-K)_e$ mag	Ref.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
VCC 21	-16.75 ± 0.03	0.36 ± 0.03	13.86 ± 0.17	21.59 ± 0.06	-18.89 ± 0.05	0.35 ± 0.02	10.80 ± 0.38	18.81 ± 0.10	2.42 ± 0.06	2
VCC 308	-17.65 ± 0.05	0.04 ± 0.03	19.16 ± 0.07	21.79 ± 0.04	-20.21 ± 0.07	0.06 ± 0.03	16.70 ± 0.05	18.83 ± 0.06	2.79 ± 0.06	2
VCC 397	-16.44 ± 0.05	0.33 ± 0.03	13.56 ± 0.14	21.86 ± 0.05	-19.38 ± 0.07	0.37 ± 0.04	13.05 ± 0.10	18.77 ± 0.09	3.08 ± 0.05	1
VCC 523	-18.23 ± 0.03	0.25 ± 0.01	26.73 ± 0.46	21.70 ± 0.05	-20.59 ± 0.23	0.27 ± 0.02	17.34 ± 0.01	18.30 ± 0.23	2.91 ± 0.23	1
VCC 856	-17.45 ± 0.06	0.08 ± 0.03	16.21 ± 0.18	21.63 ± 0.05	-20.09 ± 0.08	0.11 ± 0.05	14.15 ± 0.21	18.68 ± 0.09	2.86 ± 0.05	2
VCC 917	-16.26 ± 0.03	0.41 ± 0.02	9.68 ± 0.07	21.22 ± 0.05	-18.84 ± 0.06	0.37 ± 0.07	8.61 ± 0.07	18.49 ± 0.13	2.80 ± 0.06	2
VCC 990	-17.13 ± 0.03	0.34 ± 0.02	9.88 ± 0.06	20.52 ± 0.04	-20.00 ± 0.06	0.36 ± 0.04	10.49 ± 0.05	18.17 ± 0.09	2.92 ± 0.06	1
VCC 1087	-17.97 ± 0.06	0.28 ± 0.03	27.02 ± 0.29	21.94 ± 0.06	-20.55 ± 0.16	0.32 ± 0.04	17.47 ± 0.09	18.57 ± 0.16	2.97 ± 0.15	1
VCC 1122	-16.86 ± 0.03	0.50 ± 0.04	14.26 ± 0.14	21.27 ± 0.10	-19.40 ± 0.05	0.55 ± 0.08	11.81 ± 0.18	18.27 ± 0.20	2.82 ± 0.05	2
VCC 1183	-17.55 ± 0.03	0.22 ± 0.12	21.85 ± 0.28	21.99 ± 0.17	-20.40 ± 0.05	0.31 ± 0.09	19.37 ± 0.42	18.80 ± 0.16	3.09 ± 0.05	2
VCC 1261	-18.38 ± 0.06	0.37 ± 0.05	23.76 ± 0.21	21.28 ± 0.08	-20.94 ± 0.15	0.41 ± 0.06	20.37 ± 0.10	18.32 ± 0.18	2.80 ± 0.14	1
VCC 1431	-17.28 ± 0.06	0.03 ± 0.01	10.31 ± 0.05	20.78 ± 0.03	-20.26 ± 0.16	0.02 ± 0.02	9.91 ± 0.08	17.73 ± 0.15	3.11 ± 0.15	1
VCC 1549	-16.96 ± 0.03	0.16 ± 0.01	13.09 ± 0.08	21.55 ± 0.03	-19.85 ± 0.06	0.19 ± 0.01	11.83 ± 0.08	18.36 ± 0.06	3.10 ± 0.06	2
VCC 1695	-17.33 ± 0.08	0.22 ± 0.05	27.61 ± 0.73	22.69 ± 0.09	-19.53 ± 0.13	0.16 ± 0.07	18.43 ± 0.06	19.24 ± 0.14	2.86 ± 0.10	2
VCC 1861	-17.55 ± 0.06	0.04 ± 0.02	21.57 ± 0.28	22.12 ± 0.04	-20.60 ± 0.09	0.01 ± 0.01	20.11 ± 0.08	18.94 ± 0.07	3.21 ± 0.08	1
VCC 1910	-17.43 ± 0.06	0.14 ± 0.04	14.24 ± 0.11	21.20 ± 0.06	-19.55 ± 0.08	0.17 ± 0.01	11.92 ± 0.04	18.65 ± 0.06	2.88 ± 0.06	1
VCC 1912	-17.58 ± 0.03	0.54 ± 0.06	23.53 ± 0.17	21.55 ± 0.15	-20.18 ± 0.05	0.59 ± 0.08	21.14 ± 0.58	18.59 ± 0.23	2.77 ± 0.05	1
VCC 1947	-17.33 ± 0.03	0.23 ± 0.01	11.26 ± 0.08	20.76 ± 0.03	-20.31 ± 0.12	0.23 ± 0.01	9.56 ± 0.05	17.42 ± 0.12	3.25 ± 0.12	1

\* Fulbright Postdoctoral Fellow.



**Fig. 1.** Comparison between the apparent magnitudes in our work and different sources from the literature.